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Differentiation and identification of White Riesling genetic markers.

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Abstract : Three different marker systems were used to genotype 10 clones of the grapevine cultivar White Riesling. All clones could be differentiated by mean polymorphism gained by RAPD, SSR or Inter-SSR markers. While RAPD profiles are suitable for use in classification, individual SSR and Inter-SSR alleles could be retrieved.

samples of the same clone. The polymorphic DNA fragments confirm the genetic diversity within a traditional grapevine cultivar and the reproducibility of some of these markers allows the identification of clones. Since SSR and Inter-SSR markers show high variability when comparing data from different laboratories these methods are appropriate to establish databases for the characterization of clonal grapevine material.

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RALF FRENZEL (Ed.): Riesling, Robert Weil. Tre Torri, Wiesbaden, Germany, 2013, 255 pp., ISBN 978-3-941641-94-5 (English), €49.90, the style of management is impressive.

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